

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A defibrillator, having an output stage, ~~which has~~ with a high-voltage element (1, 2) and automatically connectable patient electrode connectors (PEA), ~~which can be automatically connected with the latter by means of~~ a coupling circuit (3) via a relay (3.1), ~~as well as~~ and a relay testing device, the defibrillator comprising:

~~characterized in that~~

a discharge resistor arrangement (RD) ~~is provided;~~ to which a switch can be automatically made by ~~means of~~ the relay (3.1), ~~instead of to~~ in lieu of the patient electrode connectors (PEA), and

the relay testing device ~~is designed for~~ testing the relay (3.1) while incorporating the status of ~~[[the]]~~ a connected discharge resistor arrangement (RD).

2. (Currently Amended) The defibrillator in accordance with claim 1, wherein ~~characterized in that~~ the relay testing device has ~~its own~~ a voltage supply for a test supply voltage (UT)~~[[,]]~~ by ~~means of~~ which a current (4) can be run through the relay (3.1) for testing the relay (3.1) with the connected discharge resistor arrangement (RD), ~~wherein~~ and a current from the high-voltage element (1, 2) is blocked.

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3. (Currently Amended) The defibrillator in accordance with claim ~~[[1 or]]~~ 2, wherein characterized in that the relay testing device has a measuring branch (ME) ~~in which, and~~ with one of the discharge resistor arrangement (RD) connected ~~on the one hand, and the discharge resistor arrangement (RD) disconnected on the other hand,~~ different one of voltages ~~[[or]] and~~ measuring currents (I1, I2) ~~exist, which can be~~ are incorporated in the testing of the relay (3.1).

4. (Currently Amended) The defibrillator in accordance with claim 3, wherein characterized in that the measuring branch (ME) has a measurement amplification circuit for forming a measured value regarding a relay status.

5. (Currently Amended) The defibrillator in accordance with claim 4, wherein characterized in that the measurement amplification circuit has a comparator for comparing with a reference variable.

6. (Currently Amended) The defibrillator in accordance with ~~one of the preceding claims, characterized in that~~ claim 5, wherein the high-voltage element has an H-bridge (2) ~~[[,]]~~ which ~~can be charged~~ is chargeable by an energy storage device (C) with a high voltage for a defibrillation pulse, and has controllable

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switching members (2.1, 2.2, 2.3, 2.4) in the H-legs, and the relay (3.1) is arranged in series with an inductive resistor (L1) and one of on one side with the discharge resistor (RD) [[or,]] and on [[the]] an other side[[,]] with the patient electrodes (PE) connected to the patient electrode connectors (PEA) in the transverse branch (QZ) of the H-bridge (2).

7. (Currently Amended) The defibrillator in accordance with ~~one of the preceding claims, characterized in that~~ claim 6, wherein a further relay (3.2) is integrated between the relay (3.1) and the patient electrode connectors (PEA)[[,]] by ~~means of~~ which the patient electrodes (PE) ~~can be~~ are selectively connected with the high-voltage element (1, 2) or an EKG measuring device (EKG).

8. (New) The defibrillator in accordance with claim 1, wherein the relay testing device has a measuring branch (ME) and with one of the discharge resistor arrangement (RD) connected and the discharge resistor arrangement (RD) disconnected, different one of voltages and measuring currents (I1, I2) are incorporated in the testing of the relay (3.1).

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9. (New) The defibrillator in accordance with claim 8, wherein the measuring branch (ME) has a measurement amplification circuit for forming a measured value regarding a relay status.

10. (New) The defibrillator in accordance with claim 9, wherein the measurement amplification circuit has a comparator for comparing with a reference variable.

11. (New) The defibrillator in accordance with claim 1, wherein the high-voltage element has an H-bridge (2) which is chargeable by an energy storage device (C) with a high voltage for a defibrillation pulse, and has controllable switching members (2.1, 2.2, 2.3, 2.4) in the H-legs, and the relay (3.1) is arranged in series with an inductive resistor (L1) and one of on one side with the discharge resistor (RD) and on an other side with the patient electrodes (PE) connected to the patient electrode connectors (PEA) in the transverse branch (QZ) of the H-bridge (2).

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12. (New) The defibrillator in accordance with claim 1, wherein a further relay (3.2) is integrated between the relay (3.1) and the patient electrode connectors (PEA) by which the patient electrodes (PE) are selectively connected with the high-voltage element (1, 2) or an EKG measuring device (EKG).